

ABSTRACT

According to the present invention, there is provided a fluorescent nucleotide represented by the formula: A-B-C,

wherein A represents a residue of natural or synthetic nucleotide, oligonucleotide, polynucleotide, or derivative thereof, and binds to B at a base moiety in said residue; B represents a divalent linking group or a single bond; and C represents a monovalent group derived from a fluorescent dye having 0 or 1 sulfonic acid group or phosphoric acid group in a molecule. The present invention provides useful fluorescent nucleotides for labeling nucleic acids, specifically, fluorescent nucleotides of which uptake ratio is high in synthetic reaction of nucleic acids.